

**PAGE SKIPPING BOOK**

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**CROSS-REFERENCE TO RELATED APPLICATIONS**

Not Applicable

**STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT**

Not Applicable

**REFERENCE TO SEQUENCE LISTING, A TABLE, OR A COMPUTER PROGRAM LISTING  
COMPACT DISK APPENDIX**

Not Applicable

## **BACKGROOUND OF INVENTION**

The present invention relates to books, particularly a book with entertainment features and versatile functions for young people. It is often difficult to attract young people to their studies and make them open their study books. In the prior arts, several notebooks have been created, covered with graphics and colorful characters providing eye-catching effects to interest young people and attract them to study. Over repeated uses however, the colorful characters or graphics used in the prior art lose their excitement due to increasing familiarity. While creating fun effects, a magic-like feature built into the structure of a book can vary the appearance of itself at each time of use and thus maintain the fun and novelty for long period of time, while adding versatility to applied uses.

## **BRIEF SUMMARY OF THE INVENTION**

The object of the book as the present invention is to create a magic-like effect only to be seen by an user. Flipping the pages within the invention creates curiosity and excitement to attract young people to their studies while adding versatility in the notebook's application.

The book of the present invention is constructed with multiple sheets of several repeating characters and graphics. The book has four (4) specific types of composing sheets, each with its unbound (open) side margin cut out at different location. Typically only one kind of graphic or character appears at one type of sheet with one type of cutout. The varying cutouts provide the user with three different positions (upper corner, middle and lower corner) to flip through the open side of the book. Grabbing the bound edge of the book with one hand and simultaneously flipping the open side with the other hand held at one of the three positions, a user of the notebook repeatedly skips to only the sheets with the identical margin cut, allowing the pages to create a specific theme unique to those sheets. The next pages that the user sees when he or she uses upper corner to flip the notebook is different from the next pages appearing while the user holds the middle or lower corner to flip the notebook. Using the upper corner, the middle, and the lower corner makes the appearing next pages different at each time from each other. This result creates illusions and magical effects, and maintains curiosity and fun among the users using the invention.

Several groups of different pages identified with different graphics or characters in the book provide a variety of applications to this present invention. By this variety and versatility, the invention aims to maintain the utilization among the users, while helping them in studies and other tasks of every day life.

## **BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS**

The present invention may be more fully understood through reference of the following drawings included in the **DRAWINGS** section. See the “**List of Reference Numerals**” at front part of the **DRAWINGS** section for each numeral used in the attached drawings.

**FIG.1** is a perspective view of the present invention.

**FIG.2** is a plan view of the **Front** side of **Type A** sheet with designations for the front side and cutout part

**FIG.3** is a plan view of the **Rear** side of **Type A** sheet with designations for the front side and cutout part

**FIG.4** is a plan view of the **Front** side of **Type B** sheet with designations for the front side and cutout part

**FIG.5** is a plan view of the **Rear** side of **Type B** sheet with designations for the front side and cutout part

**FIG.6** is a plan view of the **Front** side of **Type C** sheet with designations for the front side and cutout part

**FIG.7** is a plan view of the **Rear** side of **Type C** sheet with designations for the front side and cutout part

**FIG.8** is a plan view of the **Front** side of **Type D** sheet with designations for the front side and cutout part

**FIG.9** is a plan view of the **Rear** side of **Type D** sheet with designations for the front side and cutout part

**FIG.10** is a plan view made of all plan views of the composing pages arrayed by the page order

**FIG.11** is default flipping diagrams with corresponding sheet types and page numbers.

**FIG.12** is reverse flipping diagrams with corresponding sheet types and page numbers.

See the following “**DETAILED DESCRIPTION OF THE INVENTION**” to find out how these drawings are used to explain the invention.

## DETAILED DESCRIPTION OF THE INVENTION

The present invention is about making a novelty book with magic-like entertainment features, providing mysterious effects and versatile functions to attract young people and to maintain their interest in using this invention. The flexibility and the interactivity built into the structure of the invention facilitate users to customize and personalize this book, while the creative potential of the young users are developing during this process.

The present invention is made of multiple sheets with different graphics, characters, or colors, with a specific arrangement within the book. Each of the four (4) types of sheets making up the contents of the book has the open side margin of the edge cut out in unique shape, which is different with ordinary fashion from the other types of the sheets and then bound together in a specific order. The graphics and colors of the opening page changes by the location of the user's flipping hand (upper corner, middle or lower corner) on the open edge of the book.

The drawings about to be referred to only display an example of how the present invention may be carried out in an actual produced form. The design of graphic elements, the design of cutouts, and the number of composing inner sheets illustrated in the **DRAWINGS** and explained in the **DETAILED DESCRIPTION OF THE INVENTION** describe examples from many executed forms of the present invention. While a particular form of the present invention is illustrated and described, it will be apparent that various modifications may be made without departing from the spirit and the scope of the invention. The present invention is intended to include all such modifications insofar as they are produced within the scope of the claims in the attached **CLAIM OR CLAIMS** or the equivalents thereof.

**FIG.1** represents overall exterior shape of the present invention in open position via perspective view. In the drawing, each front side of five inner sheets and cutouts is labeled with a corresponding numeral to be explained in the continuing drawings. The rear sides of these five sheets along with the remaining pages of the present invention are not called out for sake of clarity.

The Invention defines four different types of sheets produced in multiple number to be used as the inner sheets of the book. Each inner sheet is named as **Type A** (10f, 10r), **Type B** (20f, 20r), **Type C** (30f, 30r), and **Type D** (40f, 40r) by a different shape of the sheet resulting from a different cutout. What makes

these types different from each other is the location and shape of the cutouts made into the margin of each sheet.

**FIG. 2** shows a plan view at the front side of Type A sheet with a reference numeral, “10f” for this entire front side of the sheet and a cutout part, named as “12f”, along the edge and with the entire length of the sheet. **FIG. 3** shows a plan view of Type A, but this time the rear side of it, with 10r, as its designated reference numerals and the cutout part, named as 12r. Although, 12r is only a mirror image to 12f and so as 10r to 10f, it is essential to call it differently for a clear explanation of the invention. **FIG. 4** shows the front side of Type B sheet with a designated name, 20f and the total two cutout parts, both named as 22f. **FIG. 5** shows the rear side of Type B sheet with a designated name, 20r and the total two cutout parts, both named as 22r. **FIG. 6** shows the front side of Type C sheet with a designated name, 30f and the one angled cutout part at the upper right corner, labeled 32f. **FIG. 7** shows the rear side of Type C sheet with a designated name, 30r and the cutout part, labeled 32r. **FIG. 8** shows the front side of Type D sheet with a designated name, 40f and the one angled cutout part at upper right corner, labeled 42f. **FIG. 9** shows the rear side of Type D sheet with a designated name, 40r and the cutout part, labeled 42r.

Along with the different cutouts, 10f, 10r, 20f, 20r, 30f, 30r, 40f, and 40r carry images of characterized animals or graphic elements, which are different from each other, in addition to the typical row lines appearing at all types of the inner sheets. However, In **FIG. 2**, 10f illustrates no graphics but the typical row lines. This is because the images of the characterized animals or the graphic elements of 10f change by the location of 10f among the entire inner sheets of the book. The graphics of 10f matches whatever characterized animals or the graphic elements the adjacent page has. As a result, **FIG. 10** illustrates the characterized animals or the graphic elements printed on 10f are all different as 10f becomes each different pages of the invention. **FIG. 3** and **FIG.10** illustrate that 10r has the same variance of the graphics as 10f. **FIG. 4**, **FIG. 5**, **FIG. 6**, **FIG. 7**, **FIG. 8**, and **FIG.9** all illustrate that 20f, 20r, 30f, 30r, 40f, and 40r carry only one kind of the image of either characterized animals or graphic elements different from each other, along with the typical row lines.

The invention arranges multiple sheets of each different Type A, Type B, Type C, and Type D sheet by an order as shown in **FIG. 10**. Beginning from the Front Cover sheet (00f, 00r; each consecutively represents Front Side and Rear Side), follow Type B (20f, 20r), Type A (10f, 10r), Type C (30f, 30r), Type

A (10f, 10r), Type D (40f, 40r), Type A (10f, 10r), Type B (20f, 20r), Type A (10f, 10r), Type C (30f, 30r), Type A (10f, 10r), Type D (40f, 40r), Type A (10f, 10r), Type B (20f, 20r), Type A (10f, 10r), Type C (30f, 30r), Type A (10f, 10r), Type D (40f, 40r), Type A (10f, 10r), Type B (20f, 20r), Type A (10f, 10r), Type C (30f, 30r), Type A (10f, 10r), Type D (40f, 40r), Type A (10f, 10r), Type B (20f, 20r), Type A (10f, 10r), Type C (30f, 30r), Type A (10f, 10r), 40f and 100r which is a bottom side of rear cover sheet. In **FIG. 10**, each reference numeral for each side of sheet type is paired with actual page number enclosed in parenthesis. As an example, “40r(P10)” represents side 40r while existing as page 10 in bookbinding order.

The present invention’s 30 sheet contents are composed of 1 & ½ sheets of cover and 28 & ½ sheets of inner sheets, which are comprised of 14 sheets of Type A, 5 sheets of Type B, 5 sheets of Type C, and 4 & ½ sheets of Type D sheets. These sheets are all sorted as described in the upper paragraph, and finally bound together to become the whole present invention.

**FIG. 11** illustrates how the invention achieves the desired goal when the invention is used in the direction from the front cover (00f, 00r) to the rear cover (100r). M1, M2, and M3 define the action of the thumb and the remaining fingers in the hand used to quickly flip the sheets of the invention, while the other hand is firmly holding the bound edge of the invention. M1 represents the flipping action described above as applied at the upper edge of the invention. M2 represents the flipping action described above as applied at the middle edge of the invention. M3 represents the flipping action described above as applied at the lower edge of the invention. Following the illustrations in **FIG. 11**, when three different actions, which are M1, M2 and M3, are applied at the invention, the invention displays only multiples of specific non-continuous pages carrying the specific same characterized animal. As an example, at the area three forth from the top in **FIG. 11**, M2 is applied to the invention. When the fingers of the operating hand flip the middle area of the edge, the finger catches only the intact edges as the pages with cutout edges slip away as described above. As a result, at the right side page, only 20f (Type B Sheet) appears as page number P1, P13, P25, P37 and P49, illustrated as “20f(P1, P13, P25, P37, P49)”, while at the left side page, only 10r (Type A Sheet) appears as page number 00r, P12, P24, P36, and P48, illustrated as “(00r, P12, P24, P36, P48)10r”. All of the pages at the left side and right side carry the same image of a specific characterized animal.

**FIG. 12** illustrates how the invention achieves the desired goal when the invention is used in the direction from the rear bottom cover (100r) to the front cover (00f, 00r). M4, M5, and M6 define the action of the thumb and the remaining fingers in the hand used to quickly flip the sheets of the invention, while the other hand is firmly holding the bound edge of the invention. M4 represents the flipping action described above as applied at the upper edge of the invention. M5 represents the flipping action described above as applied at the middle edge of the invention. M6 represents the flipping action described above as applied at the lower edge of the invention. Following the illustrations in **FIG. 12**, when three different actions, which are M4, M5 and M6, are applied to the invention, the invention shows only multiples of specific non-continuous pages carrying the specific same graphic elements. As an example, at the area three forth from the top in **FIG. 12**, M5 is applied to the invention. When the fingers of the operating hand flip the middle area of the edge, the finger catches only the intact edges as the pages with cutout edges slip away as described above. As a result, at the right side page, only 10f (Type A Sheet) appears as page number P3, P15, P27, P39 and P51, illustrated as “10f(P3, P15, P27, P39, P51)”, while at the left side page, only 20r (Type B Sheet) appears as page number P2, P14, P26, P38, and P50, illustrated as “(P2, P14, P26, P38, P50)20r”. All of the pages at the left side and right side carry the same image of the specific graphic elements.

These six different results created by M1, M2, and M3 in **FIG. 11** and M4, M5, and M6 in **FIG. 12** generate magic-like illusions as the pages displayed by one action are different from the pages displayed by other actions. Clearly and graphically distinguished multiple sets of the different pages provide a progressive way of note-organizing and note-taking during school classes or other tasks, while improving visual quality of the prior art.